

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. ~~(Previously Presented) A data processing apparatus for processing data based on a received result of wireless-communication with an image display apparatus for receiving a user's input, comprising:~~
- ~~a CPU;~~
 - ~~a memory; and~~
 - ~~a wireless unit,~~
- ~~wherein a user's input entered in said image display apparatus is received through said wireless unit, and~~
- ~~image data of an image to be displayed by said image display apparatus is generated in said data processing apparatus as a result of data processing based on the received result, and is transmitted to said image display apparatus through said wireless unit.~~
2. (Original) The data processing apparatus of claim 1, wherein the image data transmitted from said wireless unit is a differential portion only.
3. (Previously Presented) An image display apparatus for wireless-communicating with a data processing apparatus generating image data and wireless-transmitting the image data, and for displaying the image data received from said data processing apparatus, comprising:
- a wireless unit;
 - a display unit; and
 - an input unit,
- wherein a user's input manipulation result in said input unit is transmitted to said data processing apparatus by said wireless unit, and
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image data of an image to be displayed by said display unit as a result of information processing in said data processing apparatus based on the input manipulation result is received in said wireless unit, and displayed in said display unit.

4. (Original) The image display apparatus of claim 3 further comprising a wireless quality measuring unit for measuring a wireless quality, wherein a display screen of said display unit is turned off when said wireless quality measuring unit judges that the wireless quality is inferior to a specified quality.

5. (Original) The image display apparatus of claim 3 further comprising an image temporary storage unit for temporarily storing the image data displayed in said display unit, wherein:

when a display screen of said display unit is turned off, the image data shown in said display unit is stored in said image temporary storage unit,

the stored image data is displayed first when said display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

6. (Original) The image display apparatus of claim 4 further comprising an image temporary storage unit for temporarily storing the image data displayed in said display unit, wherein:

when a display screen of said display unit is turned off, image data shown in said display unit is stored in said image temporary storage unit,

the stored image data is displayed first when said display screen is turned on by a user's input manipulation,

and then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

7. (Previously Presented) An information processing system comprising:

an image display apparatus including a first wireless unit, a display unit, and an input unit, and

a data processing apparatus including a CPU, a memory, and a second wireless unit,

wherein a user's input manipulation result, in said input unit of said image display apparatus, is transmitted to said data processing apparatus by said first wireless unit,

said data processing apparatus transmits image data of an image to be displayed by said display unit of said image display apparatus as a result of information processing based on a received content at said second wireless unit to said image display apparatus through said second wireless unit, and

said image display apparatus displays the image data received at said first wireless unit in said display unit.

8. (Original) The information processing system of claim 7,

wherein said image display apparatus further comprises a wireless quality measuring unit for measuring the wireless quality, and

a display screen of said display unit is turned off when said wireless quality measuring unit judges that a wireless quality is inferior to a specified quality.

9. (Original) The information processing system of claim 7, wherein:

when a display screen of said display unit is turned off, the image data shown in said display unit is stored,

the stored image data is displayed first when the display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

10. (Original) The information processing system of claim 8, wherein:

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when said display screen of said display unit is turned off, the image data shown in said display unit is stored,

the stored image data is displayed first when said display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

11. (Original) The information processing system of claim 7, wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

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12. (Original) The information processing system of claim 8, wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

13. (Original) The information processing system of claim 9, wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

14. (Original) The information processing system of claim 10, wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

15. (Currently Amended) An image display apparatus for wireless-communicating with a data processing apparatus generating image data and wireless-transmitting the image data, and for displaying the image data received from said data processing apparatus, comprising:

wireless communication means for receiving image data;

display means for displaying the image data received by in-said wireless communication means;

storage means for storing the image data;

input means for receiving a user's instruction;

image storage control means for storing, in said storage means, the image data displayed in said display means according to an image storing instruction received in said input means; and

image display control means for displaying, in said display means, the image of the image data stored in said storage means according to an image display instruction received in said input means,

wherein the image data received by said wireless communication means is image data of an image to be displayed by said display means.

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16. (Previously Presented) An image display apparatus for wireless-communicating with a data processing apparatus generating an image data and wireless-transmitting the data, and for displaying the image data received from said data processing apparatus, comprising:

wireless communication means;

display means for displaying the image data received in said wireless communication means;

storage means for storing the image data;

image update detecting means for detecting an updating of the image data displayed in said display means;

updated image storage control means for additionally storing, in said storage means, the image data displayed by said display means in said storage means in response to detecting the updating of the image data by said image update detecting means;

input means for receiving a user's instruction; and

image display control means for displaying, in said display means, the image data stored in said storage means according to an image display instruction received in said input means.

17. (Previously Presented) The image display apparatus of claim 16, wherein said image update detecting means detects the updating of the image data when an amount of the image data updated within a specified time is larger than a predetermined amount.

18. (Original) The image display apparatus of claim 15 further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

19. (Original) The image display apparatus of claim 16 further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

20. (Original) The image display apparatus of claim 17 further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

21. (Original) The image display apparatus of claim 15, wherein:

said storage means stores a series of user manipulation of each image data in correspondence to each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

22. (Original) The image display apparatus of claim 16, wherein:

said storage means stores a series of user manipulation of each image data in correspondence to the each image data in addition to the image data;

said input means further receives the user manipulation of the image data stored in

said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

23. (Original) The image display apparatus of claim 17, wherein:

said storage means stores a series of user manipulation of each image data in correspondence to the each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

24. (Original) The image display apparatus of claim 18, wherein:

said storage means stores a series of user manipulation of each image data in correspondence to the each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to the data processing apparatus, aside from receiving the image data.

25. (Original) The image display apparatus of claim 19, wherein:

said storage means stores a series of user manipulation of each image data in correspondence to the each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

26. (Original) The image display apparatus of claim 20, wherein:

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said storage means stores a series of user manipulation of each image data in correspondence to the each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

27. (Previously Presented) An image display apparatus for wireless-communicating with a data processing apparatus generating image data and wireless-transmitting the image data, and for displaying the image data received from said data processing apparatus, comprising:

wireless communication means;

display means for displaying the image data received in said wireless communication means;

storage means for storing the image data;

input means for receiving a user's instruction;

image storage control means for storing, in said storage means, the image data displayed in said display means according to an image storing instruction received in said input means; and

image display control means for displaying, in said display means, the image data stored in said storage means according to an image display instruction received in said input means.

wherein said storage means stores a series of user manipulation of each image data in correspondence to each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

28. (Previously Presented) The image display apparatus of claim 27, further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

29. (Previously Presented) An image display apparatus for wireless-communicating with a data processing apparatus generating an image data and wireless-transmitting the data, and for displaying the image data received from said data processing apparatus, comprising:

wireless communication means;

display means for displaying the image data received in said wireless communication means;

storage means for storing the image data;

image update detecting means for detecting an updating of the image data displayed in said display means;

updated image storage control means for additionally storing, in said storage means, the image data displayed in said display means in said storage means in response to detecting the updating of the image data by said image update detecting means;

input means for receiving a user's instructions; and

image display control means for displaying, in said display means, the image data stored in said storage means according to an image display instruction received in said input means,

wherein said storage means stores a series of user manipulation of each image data in correspondence to each image data in addition to the image data,

said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

30. (Previously Presented) The image display apparatus of claim 29, wherein said image update detecting means detects the updating of the image data when an amount of the image data updated within a specified time is larger than a predetermined amount.

31. (Previously Presented) The image display apparatus of claim 30, further comprising image updating means for updating the image data stored in said storage means and displayed by said display means according to an image updating instruction received in said input means.

32. (Previously Presented) A data processing apparatus for processing data based on a received result of wireless-communication with an image display apparatus for receiving a user's input, comprising:

a CPU;

a memory; and

a wireless unit,

wherein a user's input entered in said image display apparatus is received through said wireless unit, and

image data generated as a result of data processing based on the received result is transmitted to said image display apparatus through said wireless unit,

wherein the image data transmitted from said wireless unit is a differential portion only.

33. (Previously Presented) An information processing system comprising:

an image display apparatus including a first wireless unit, a display unit, and an input unit, and

a data processing apparatus including a CPU, a memory, and a second wireless unit,

wherein a user's input manipulation result, in said input unit of said image display apparatus, is transmitted to said data processing apparatus by said first wireless unit,

said data processing apparatus transmits image data of a result of information processing based on a received content at said second wireless unit to said image display apparatus through said second wireless unit, and

said image display apparatus displays the image data received at said first wireless unit at said display unit,

wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

34. (Previously Presented) The information processing system of claim 33,

wherein said image display apparatus further comprises a wireless quality measuring unit for measuring the wireless quality, and

a display screen of said display unit is turned off when said wireless quality measuring unit judges that a wireless quality is inferior to a specified quality.

35. (Previously Presented) The information processing system of claim 33, wherein:

when a display screen of said display unit is turned off, the image data shown in said display unit is stored,

the stored image data is displayed first when the display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

36. (Previously Presented) A data processing apparatus for processing data based on a received result of wireless-communication with an image display apparatus for receiving a user's input, comprising:

a CPU;

a memory; and

a wireless unit,

wherein a user's input for operating said data processing apparatus entered in said image display apparatus is received through said wireless unit, and

image data generated as a result of data processing based on the received result and is transmitted to said image display apparatus through said wireless unit.

37. (Previously Presented) The data processing apparatus of claim 36, wherein the image data transmitted from said wireless unit is a differential portion only.

38. (Previously Presented) An image display apparatus for wireless-communicating with a data processing apparatus generating image data and wireless-transmitting the image data, and for displaying the image data received from said data processing apparatus, comprising:

a wireless unit;

a display unit; and

an input unit,

wherein a user's input manipulation result in said input unit for operating said data processing apparatus is transmitted to said data processing apparatus by said wireless unit, and

the image data of a result of information processing in said data processing apparatus based on the input manipulation result is received in said wireless unit, and displayed by said display unit.

39. (Previously Presented) The image display apparatus of claim 38, further comprising a wireless quality measuring unit for measuring a wireless quality, wherein a display screen of said display unit is turned off when said wireless quality measuring unit judges that the wireless quality is inferior to a specified quality.

40. (Previously Presented) The image display apparatus of claim 38 further comprising an image temporary storage unit for temporarily storing the image data displayed in said display unit, wherein:

when a display screen of said display unit is turned off, the image data shown in said display unit is stored in said image temporary storage unit,

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the stored image data is displayed first when said display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

41. (Previously Presented) An information processing system comprising:

an image display apparatus including a first wireless unit, a display unit, and an input unit, and

a data processing apparatus including a CPU, a memory, and a second wireless unit,

wherein a user's input manipulation result in said input unit of said image display apparatus for operating said data processing apparatus is transmitted to said data processing apparatus by said first wireless unit,

said data processing apparatus transmits image data of a result of information processing based on a received content at said second wireless unit to said image display apparatus through said second wireless unit, and

said image display apparatus displays the image data received at said first wireless unit at said display unit.

42. (Previously Presented) The information processing system of claim 41,

wherein said image display apparatus further comprises a wireless quality measuring unit for measuring the wireless quality, and

a display screen of said display unit is turned off when said wireless quality measuring unit judges that a wireless quality is inferior to a specified quality.

43. (Previously Presented) The information processing system of claim 41, wherein:

when a display screen of said display unit is turned off, the image data shown in said display unit is stored,

the stored image data is displayed first when the display screen is turned on by a user's input manipulation, and

then the stored image data is updated to a latest image data transmitted from said data processing apparatus.

44. (Previously Presented) The information processing system of claim 41, wherein the image data transmitted from said second wireless unit to said first wireless unit is a differential portion only.

45. (New) An image display apparatus for wireless-communicating with a data processing apparatus generating image data and wireless-transmitting the image data, and for displaying the image data received from said data processing apparatus comprising:

wireless communication means;

display means for displaying the image data received in said wireless communication means;

storage means for storing the image data;

input means for receiving a user's instruction;

image storage control means for storing, in said storage means, the image data displayed in said display means according to an image storing instruction received in said input means; and

image display control means for displaying, in said display means, the image data stored in said storage means according to an image display instruction received in said input means,

wherein said storage means stores a series of user manipulation of each image data in correspondence to each image data in addition to the image data,

wherein said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

wherein said image storage control means stores, in said storage means, the series of the user manipulation stored in said input means in correspondence to the image data in addition to the image data, and

wherein said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

46. (New) The image display apparatus of claim 45, further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

47. (New) An image display apparatus for wireless-communicating with a data processing apparatus generating an image data and wireless-transmitting the data, and for displaying the image data received from said data processing apparatus, comprising:

wireless communication means;

display means for displaying the image data received in said wireless communication means;

storage means for storing the image data;

image update detecting means for detecting an updating of the image data displayed in said display means;

updated image storage control means for additionally storing, in said storage means, the image data displayed by said display means in said storage means in response to detecting the updating of the image data by said image update detecting means;

input means for receiving a user's instruction; and

image display control means for displaying, in said display means, the image data stored in said storage means according to an image display instruction received in said input means.

wherein said storage means stores a series of user manipulations of each image data in correspondence to the each image data in addition to the image data,

wherein said input means further receives the user manipulation of the image data stored in said storage means and displayed in said display means and stores the series temporarily,

wherein said image storage control means stores, in said storage means, the series of the user manipulations stored in said input means in correspondence to the image data in addition to the image data, and

wherein said wireless communication means transmits the user manipulation to said data processing apparatus aside from receiving the image data.

48. (New) The image display apparatus of claim 47, wherein said image update detecting means detects the updating of the image data when an amount of the image data updated within a specified time is larger than a predetermined amount.

49. (New) The image display apparatus of claim 48, further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.

50. (New) The image display apparatus of claim 47, further comprising image updating means for updating the image data stored in said storage means and displayed in said display means according to an image updating instruction received in said input means.